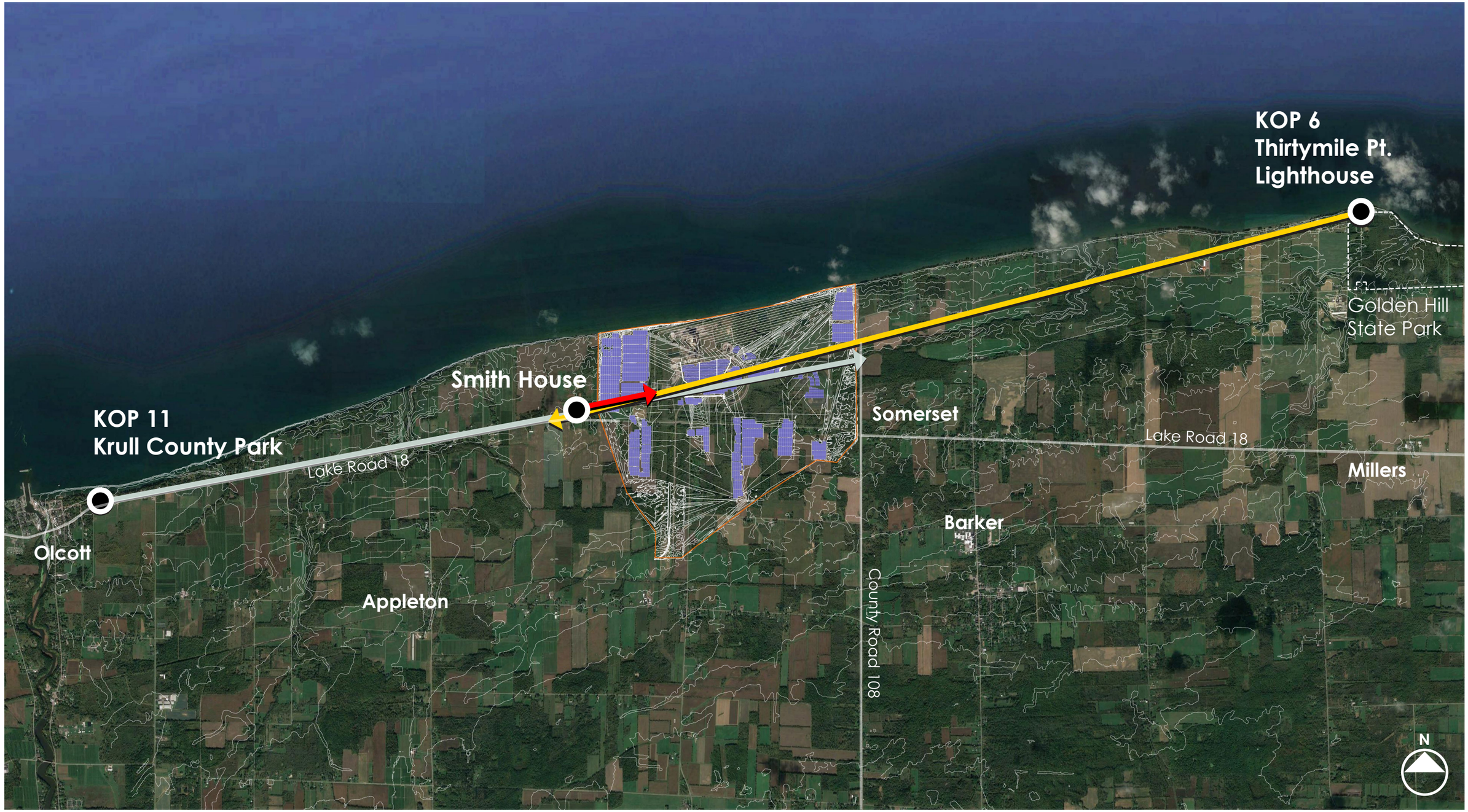
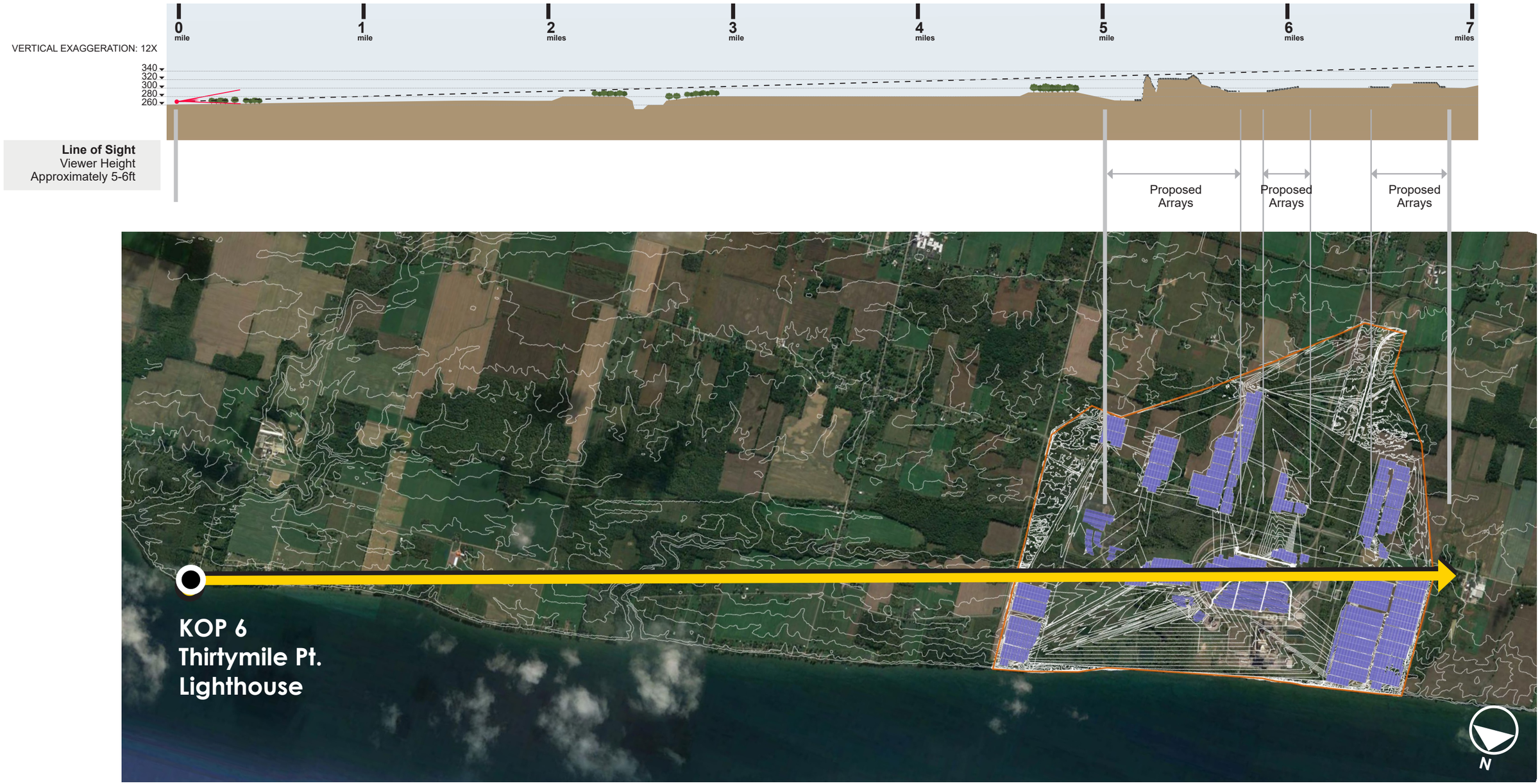
Attachment 4:
Line-of-Sight Profiles

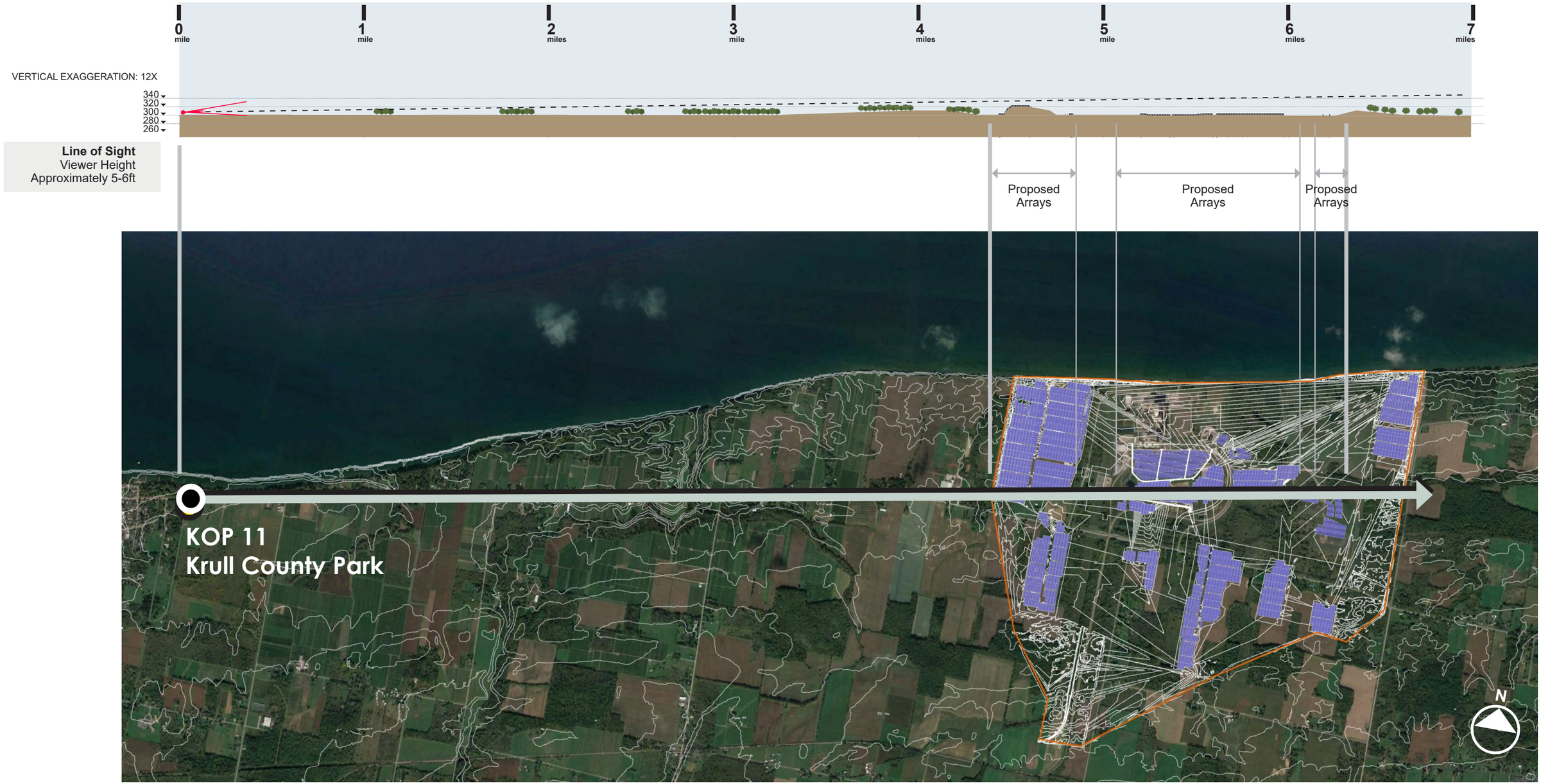
LINE OF SIGHT WITH KEY PROFILE



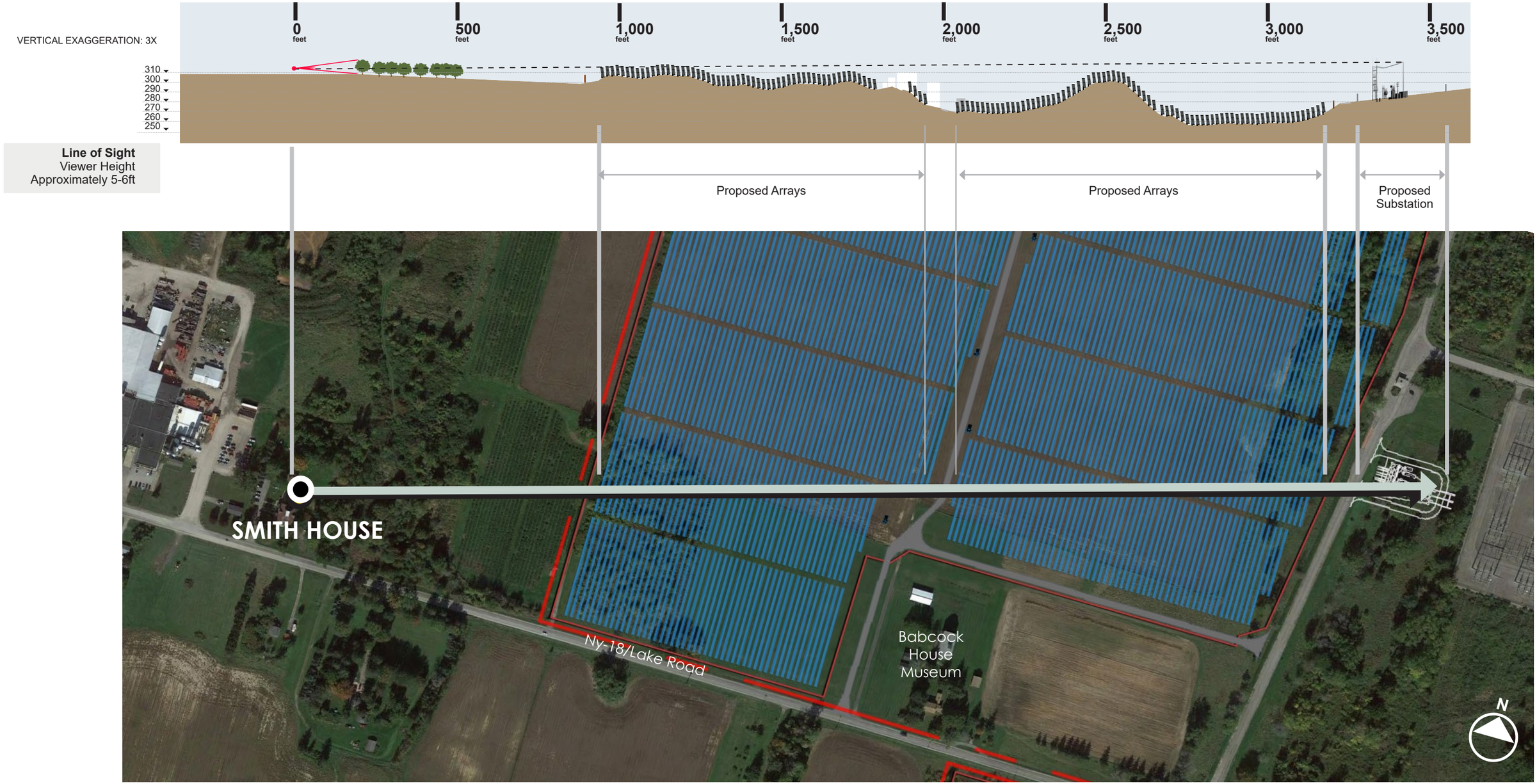
LINE OF SIGHT : KOP 6 THIRTYMILE PT. LIGHTHOUSE



LINE OF SIGHT : KOP 11 KRULL COUNTY PARK



LINE OF SIGHT : SMITH HOUSE - SUBSTATION



Attachment 5:
Rating Panel Qualifications

Somerset Solar Project
Rating Panel Qualifications

Rating Panel Member	Professional Summary	Education
Jennifer Chester, Senior Project Manager & GIS Discipline Lead	Ms. Chester has more than 18 years of experience in environmental resource and utility planning projects. Technical skills include geographic information systems (GIS), cartographic and graphic design, remote sensing, visual simulations, natural and cultural resource mapping, and AutoCAD. Ms. Chester is also a Senior Project Manager with extensive experience in leading project teams and working with clients to execute successful projects. Ms. Chester applies her skills to a variety of energy projects including generation and transmission work, specializing in energy facility routing and siting and permitting.	BS, Environmental Science, Minor in Geographic Information Systems, Bowling Green State University, 2001
Shaun Brooks, Environmental Planner/Project Manager	Ms. Brooks is an environmental planner/project manager with 17 years of experience in environmental and natural resources planning and management with a focus on visual resource inventory and analysis. She has evaluated recreation resources, land use, aesthetic and visual resources, socioeconomics, and environmental justice issues in multiple types of environmental documents, including environmental impact statements (EISs) and environmental assessments (EAs) under the National Environmental Policy Act (NEPA); checklists and EISs under Washington SEPA; New York SEQR EISs; Applications for Site Certification (ASC) to the Oregon Energy Facility Siting Council (EFSC), and Bureau of Ocean Energy Management (BOEM) compliance, as well as for other state or local regulations and policies. In addition, she has participated in multiple third-party EISs for the Federal Energy Regulatory Commission (FERC) and resource reports for LNG terminal and pipeline applications to FERC. Ms. Brooks has also prepared resource assessments for project feasibility reports and multiple land use permit applications to county governments. She has conducted multiple visual impact assessments for solar facilities and onshore and offshore wind facilities throughout the United States.	MEP, Environmental Planning, Arizona State University, 2004 BS, Forest Recreation Resources, Oregon State University, 2001
Brynn Guthrie, PLA Landscape Architect, Visual Resource Specialist	Ms. Guthrie is a landscape architect with 16 years of experience in open space design, environmental planning and permitting, including visual resource assessment. She has conducted visual assessments for National Park Service Units, Wild and Scenic Rivers, urban centers, and rural areas. Her visual assessment project experience has included land and offshore wind, solar, transmission, highway, and port improvements.	Bachelor of Landscape Architecture, University of Oregon 2006

Attachment 6: Visual Contrast Rating Forms/Rating Criteria

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-01	**Reviewers Name:** B. Guthrie
Location: Babcock House Museum	**Date:** 8/15/2022
Distance from Project: Approx. 300 feet	**Landscape Similarity Zone:** Agricultural
Angle of Observation: *Level* ☒ *Inferior* ☐ *Superior* ☐	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Tourists and Recreational Users	Moderate	Moderate-Low	Low (Residents) Low (Tourists/ Recreationalists)	Moderate-Low

Description of Existing View:
The landscape is characterized by flat terrain covered by green lawn, with open green fields in the foreground to the west, north, and east. Patches of mixed woodlands can be seen at various distances to the west into the middleground. Two small red barn like storage sheds are prominent features in the foreground, and an overhead utility line can be seen in the distance. The Babcock House Museum site includes several mature landscape trees, and two evergreen trees are present in the foreground. Overall, the strong horizontal line of the horizon and the two small sheds create a strongly rural scene.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Landform is flat in the foreground/middleground. Very limited locations from the Babcock House Museum site (not pictured) have a line of sight to Lake Ontario, especially during winter months.	Long row of panels and fencing appears consistent and compatible with flat, open field behind the sheds. No grading is shown at this location.	1
Vegetation	Mixed vegetation (shown during leaf-off conditions) limits the view across the background horizon. Mature evergreen trees in the foreground contribute variety in form, color and texture, as well as a 'frame' across the top of the view. Overall, the Babcock House site contains several mature landscape trees which block outward views.	Solar panels are added to the agricultural field low-grasses which appear to remain unchanged in the foreground. Texture of the panels appears finer and smoother than the existing grasses. Woodland vegetation in the middleground is somewhat screened by row of panels, but still visible above them across the backdrop. Seasonal change assumed to occur in the agricultural field (crop growth, maturation, harvest) would be altered by the presence of fixed equipment.	2
Human-Made Modifications	The most prominent features are the two barn like sheds, which appear well kept and characteristically agrarian. Overall, the Babcock House site includes the house, a large barn, and four other smaller storage buildings clustered together at right angles like the two shown, all of which influence views outward from the site.	Solar panels appear as dark gray lines and geometric shapes in the middleground across the full visible horizon. Panels appear co-dominant with the foreground sheds, which remain the focus of the scene. The gray color of the panels differs from the earth-tone bright green field colors. Fencing is not prominent, but wood color appears harmonious with landscape.	4
		Contrast Rating Total	7
		Contrast Rating Average	2.3

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

Proposed Mitigation:

Landscaping is proposed along the Facility where it is adjacent to the Babcock House site. From this viewing location, the proposed evergreen trees will over time (i.e., 5-10 years) screen most of the PV panels from viewers within the Babcock House site. The low profile of the panels will be partially screened by proposed evergreen trees after approximately 5 years of growth (after the plantings are installed) and mostly to fully screened after approximately 15 years (after the landscape is installed). Overall, the proposed mitigation will over time reduce visibility and visual contrast of the Facility as viewed from Babcock House Museum site.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Landform is flat in the foreground/middleground. Very limited locations from the Babcock House Museum site (not pictured) have a line of sight to Lake Ontario, especially during winter months.	Long row of panels and fencing appears consistent and compatible with flat, open field behind the sheds. No grading is shown at this location.	1
Vegetation	Mixed vegetation (shown during leaf-off conditions) limits the view across the background horizon. Mature evergreen trees in the foreground contribute variety in form, color and texture, as well as a 'frame' across the top of the view. Overall, the Babcock House site contains several mature landscape trees which block outward views.	Solar panels are added to the agricultural field low-grasses which appear to remain unchanged in the foreground. Where they are seen, texture of the panels appears finer and smoother than the existing grasses. Woodland vegetation in the middleground is somewhat screened by row of panels, but still visible above them across the backdrop. Linear row of dark green plantings along the field edge appears consistent with other hedgerows and vegetation. Seasonal change assumed to occur in the agricultural field (crop growth, maturation, harvest) would be altered by the presence of fixed equipment.	2
Human-Made Modifications	The most prominent features are the two barn like sheds, which appear well kept and characteristically agrarian. Overall, the Babcock House site includes the house, a large barn, and four other smaller storage buildings clustered together at right angles like the two shown, all of which influence views outward from the site.	Solar panels are mostly screened behind trees and shrubs and could be overlooked at first by casual observers. The top portion of the dark, horizontal panels can be seen over the row of planted shrubs.	3
		Contrast Rating with Landscape Mitigation Total	6
		Contrast Rating with Landscape Mitigation Average	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION				
Viewpoint: VP-01			**Reviewers Name:** J. Chester	
Location: Babcock House Museum			**Date:** 8/18/2022	
Distance from Project: Approx. 300 feet			**Landscape Similarity Zone:** Rural/Agricultural	
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒			**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☒ *Mostly* ☐ *Completely* ☐	
Type of User:	**Visual Sensitivity:**			
Residents; Tourists and Recreational Users	*User Expectation:* Moderate	*Duration of View:* Moderate	*Use Volume:* Low (Residents) Low (Tourists/ Recreationalists)	*Overall Sensitivity:* Moderate-Low

Description of Existing View:

Babcock House Museum is located north of Lake Road and west of Hartland Road. Views from interior to the Museum property include a tan brick, multi-level home, several single- and two-story outbuildings with red painted siding, and a two-story brick barn. A dozen or more large, established deciduous and coniferous trees are located amongst the buildings on the Museum property. Beyond the Museum property, agricultural fields are present in the foreground to middleground in all directions with some stands of trees located in the middleground to background. The terrain in the area is generally flat. Modifications to the natural landscape include the buildings associated with the Museum property, other homes and buildings, roadways, and electric distribution lines.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Terrain in the area is flat in the foreground and middleground and slopes downward toward Lake Ontario to the north. Lake Ontario is not visible from most locations within the Museum property due to large trees on the property and adjacent land as well as the horizontal tree line along the lake shore.	Solar panels are proposed to be located to the north and west of the Museum property and would be visible from some locations within the buildings on site and exterior locations around the property where views are not obstructed by trees and buildings. Major grading is not anticipated and therefore no significant change to the landform is anticipated. The limited views of Lake Ontario from ground level may be obscured by panel placement, however views from elevated locations within buildings likely would not be blocked. The solar panels will appear as geometric blocks that vary in color as they reflect light and mirror the sky, sometimes appearing similar in color to the lake. Rows of solar panels mimic the horizontal lines associated with the horizon, tree line, and geometric shapes of adjacent agricultural fields.	2
Vegetation	Adjacent agricultural fields appear as green or tan blocks interspersed with stands of trees appearing horizontally linear, brown, dark green, and tan in color (during leaf off), adjacent residential and Museum lawn areas appear bright green. The Museum property contains a dozen or more large, established coniferous and deciduous trees that	Installation of project solar panels would remove some adjacent fields from agricultural production and replace them with the strong geometric pattern of the solar panels that will appear darker grey or blue in color. Horizontal line of the panels will appear backdropped by trees and will not contrast greatly with the line of fields meeting w/trees and/or the horizon. Large trees on the	2

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

	create shadows on the grounds, structures, and screen some views to adjacent areas.	Museum property will not be affected by the project.	
Human-Made Modifications	The Museum property contains approximately five outbuildings and a home. The buildings are linear, some a medium brown brick and others red painted siding. Buildings are one and two-story structures. The Museum property is adjacent to a two-lane paved roadway (Lake Drive) which has vertical electric distribution poles running along the south side as well poles to bring power to the Museum property. Portions of the adjacent power infrastructure (smokestack and electric substation) to the east are visible from some locations around the Museum property. A paved pull-out is located on the southeast side of the Museum property where signage provides information about the area and connects to a gravel access drive that extends north towards buildings on the site. A gravel field access road is located along the west side of the Museum property.	Solar panels will appear as linear, geometric blocks that appear gray in color. This color contrasts less with the darker tree line and horizontal lines of nearby roads and driveways. The vertical posts holding the panels and the fence posts will appear as strong vertical elements among other existing vertical objects such as trees, electric poles, substation components and the smokestack.	2
		Contrast Rating Total	6
		Contrast Rating Average	3

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to NY-18/Lake Road, Haight Road, and Hartland Road. Landscaping proposed will be a mix of regularly spaced coniferous (evergreen) trees and denser plantings of shrubs. The proposed trees will initially provide a visual break from the strong horizontal lines of the solar panels and screen some of the solar panels. As they mature, the trees will screen more of the panels from adjacent viewers. The dense shrub plantings will immediately screen the lower portion of the solar panels, including the vertical posts. The proposed mitigation will provide screening and visual breaks from the geometric form of the solar panels.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Terrain in the area is flat in the foreground and middleground and slopes downward toward Lake Ontario to the north. Lake Ontario is not visible from most locations within the Museum property due to large trees on the property and adjacent land as well as the horizontal tree line along the lake shore.	Solar panels are proposed to be located to the north and west of the Museum property and would be visible from some locations within the buildings on site and exterior locations around the property where views are not obstructed by trees and buildings. Major grading is not anticipated and therefore no significant change to the landform is anticipated. The limited views of Lake Ontario from ground level may be obscured by panel placement, however views from elevated locations within buildings likely would not be blocked. The solar panels are much less noticeable compared to the without mitigation planting simulation because of the amount of the screening the mitigation plants provide.	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

Vegetation	Adjacent agricultural fields appear as green or tan blocks interspersed with stands of trees appearing horizontally linear, brown, dark green, and tan in color (during leaf off), adjacent residential and Museum lawn areas appear bright green. The Museum property contains a dozen or more large, established coniferous and deciduous trees that create shadows on the grounds, structures, and screen some views to adjacent areas.	Installation of project solar panels would remove some adjacent fields from agricultural production and replace them with the geometric pattern of the solar panels. Proposed mitigation plantings will mostly screen views of the panels, but the remaining views of panels will appear darker grey or blue in color. Horizontal line of the panels will appear backdropped by trees and will not contrast greatly with the line of fields meeting w/trees and/or the horizon. Proposed plantings include a variety of evergreen trees installed in two straight rows on either side of the access road, with a deciduous shrub installed along the base of the far row of evergreen trees. Large trees on the Museum property will not be affected by the project.	1
Human-Made Modifications	The Museum property contains approximately five outbuildings and a home. The buildings are linear, some a medium brown brick and others red painted siding. Buildings are one and two-story structures. The Museum property is adjacent to a two-lane paved roadway (Lake Drive) which has vertical electric distribution poles running along the south side as well poles to bring power to the Museum property. Portions of the adjacent power infrastructure (smokestack and electric substation) to the east are visible from some locations around the Museum property. A paved pull-out is located on the southeast side of the Museum property where signage provides information about the area and connects to a gravel access drive that extends north towards buildings on the site. A gravel field access road is located along the west side of the Museum property.	Solar panels are almost fully screened from view by mitigation plantings. Where the top portion of panels can be seen, they will appear as linear, geometric blocks that appear gray in color. This color contrasts less with the darker tree line and horizontal lines of nearby roads and driveways. The fencing is no longer a strong visual element because it is obscured by the mitigation plantings.	2
		Contrast Rating Total	5
		Contrast Rating Average	1.66

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-01	**Reviewers Name:** S. Brooks
Location: Babcock House Museum	**Date:** 8/18/2022
Distance from Project: Approx. 300 feet	**Landscape Similarity Zone:** Rural/Agricultural
Angle of Observation: *Level* ☒ *Inferior* ☐ *Superior* ☐	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Tourists and Recreational Users	Moderate	Moderate	Low (Residents) Low (Tourists/ Recreationalists)	Moderate-Low

Description of Existing View:
The landscape is characterized by fairly flat to gently rolling hills in the foreground and middleground. Vegetation includes a large patch of green trimmed grass and green agricultural fields in the foreground with a few large evergreen trees placed sporadically throughout the area. The middleground includes a mix of evergreen and deciduous trees lining the periphery of the large grass/agricultural area. Human-made features include a powerline at the edge of the grass field near the trees as well as two red barns in the foreground. Overall, from this location the Facility is likely to create moderate contrast.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Landscape is fairly flat to gently rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated.	2
Vegetation	Vegetation includes a large patch of green trimmed grass and green agricultural fields in the foreground with a few large evergreen trees placed sporadically throughout the area. The middleground includes a mix of evergreen and deciduous trees lining the periphery of the large grass/agricultural area.	Rows of dark gray solar panels and fencing are added to the green grass/agricultural field which appear to remain unchanged in the foreground. Darker vegetation in the middleground is still visible from this location which makes the panels appear less obtrusive.	2
Human-Made Modifications	Human-made features include a powerline at the edge of the grass field near the trees as well as two red barns in the foreground.	The solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	4
		Contrast Rating Total	8
		Contrast Rating Average	2.7

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to NY-18/Lake Road, and surrounding the Babcock House site. From this viewing location, evergreen trees and bushes spaced evenly apart are proposed to assist in screening the Facility from this location. The trees provide a break from the continuous horizontal line. Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Landscape is fairly flat to gently rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated.	2
Vegetation	Vegetation includes a large patch of green trimmed grass and green agricultural fields in the foreground with a few large evergreen trees placed sporadically throughout the area. The middleground includes a mix of evergreen and deciduous trees lining the periphery of the large grass/agricultural area.	Proposed landscaping screens most views of the solar panels. Rows of dark gray solar panels and fencing are added to the green grass/agricultural field which appear to remain unchanged in the foreground. Darker vegetation in the middleground is still visible from this location which makes the panels appear less obtrusive.	2
Human-Made Modifications	Human-made features include a powerline at the edge of the grass field near the trees as well as two red barns in the foreground.	The solar panels are mostly screened by proposed landscaping, but where visible, the solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	2
		Contrast Rating Total	6
		Contrast Rating Average	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION					
Viewpoint: VP-2A			**Reviewers Name:** B. Guthrie		
Location: NY-18/Lake Road Loc. 1			**Date:** 8/16/2022		
Distance from Project: Approx. 0.1 mi.			**Landscape Similarity Zone:** Transportation Corridor		
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒			**Visibility:** Check all that apply *Screened* ☒ *Backdropped* ☒ *Skylined* ☒ *Partially* ☒ *Mostly* ☐ *Completely* ☐		
Type of User: Residents; Through Travelers; Tourists and Recreational Users	**Visual Sensitivity:**				
	User Expectation: Moderate	*Duration of View:* Low	*Use Volume:* Moderate	*Overall Sensitivity:* Moderate	

Description of Existing View:
The landscape is characterized by primarily level to very gently rolling terrain with an agricultural field visible behind taller grass in the foreground. During leaf-off conditions, when the agricultural field is bare or crops are very low, Lake Ontario is briefly just visible in the distance along the horizon. Vegetation, shown during leaf-off and leaf-on conditions, includes mature evergreen trees in the foreground which partially screen views into the middleground. Additional mixed woodlands are also present across the middleground horizon, continuing east and west of this view into the foreground where dense trees along the roadway limit views to the immediate foreground. Humanmade features include the roadway of NY-18 and the exhaust tower and light colored building at Somerset Powerplant. From this location, unpictured overhead utility lines are present along the roadway and seen to the east and west. A small light-colored security/entry building associated with the powerplant site can be seen in the middleground through the foreground vegetation.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Landform includes relatively flat to subtle slopes in the foreground and middleground. Lake Ontario can be seen during leaf-off conditions as a thin blue band for a very brief moment along the horizon through this gap in the foreground trees. Views of the Lake would occur from this viewpoint seasonally, depending on the vegetation grown in the field.	Rows of panel, viewed parallel to the rows, can be seen in the middleground across the agricultural field. Panels appear as a low-profile element along most of the horizon and follow the gentle slope of the terrain. No apparent grading is seen in this view. As viewed from NY-18, the panels would mostly block existing views of Lake Ontario, with the lake being partially visible between the rows of panels.	2
Vegetation	Contiguous patches of mostly deciduous wooded areas in the middleground; small patches of trees located along the fields and along NY-18. Foreground evergreen trees in the foreground screen part of the view beyond. Agricultural fields change seasonally, as shown, from green vegetation to bare exposed earth.	Solar panels are added to the agricultural field. Low green and gold grasses would be installed within the facility as part of the Project revegetation efforts. The texture of the panels appears finer and smoother than the existing grasses. A patch of mature deciduous trees in the middleground would be removed to install panels, enabling very slight skylining of the low-profile arrays along the terrain. A small number of individual deciduous trees in the middleground would also be removed to install the facility substation.	3
Human-Made Modifications	Two-lane roadway of NY-18 Lake Road is the dominant humanmade feature, in addition to overhead utility lines.	Solar panels appear as dark gray lines and geometric shapes across the middleground of the view. Wood fence elements appear compatible in color and form, although the short vertical lines become more prominent where the Facility is seen skylined against the sky, rather than blending into otherwise background woodlands. VP 2A is one of very limited opportunities to view the Facility substation, which would be located approximately 1,085 feet north of NY-18 and would be more visible to westbound travelers than eastbound due to the existing vegetation. Because the facility substation appears fully backdropped by dense woodlands, its forms, lines, and colors become	2

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

		subordinate in the view, especially when viewed during leaf-off conditions. Visual contrast from the light grey colored substation components may be slightly stronger during summer when seen against dark green foliage.	
		Contrast Rating Total	7
		Contrast Rating Average	2.3

Proposed Mitigation:

Landscape screening (evergreen trees and deciduous shrubs) is proposed along the Facility where it is adjacent to NY-18. From this viewing location, the proposed evergreen trees will over time (i.e., 15 or more years) screen the majority of the PV panels from viewers along the road. The low profile of the panels will be partially screened by the proposed evergreen trees after approximately 5 years of growth (after the landscape is installed) and mostly screened after approximately 15 years (after the landscape is installed). Overall, the proposed mitigation will reduce the visibility of the Facility over time.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Landform includes relatively flat to subtle slopes in the foreground and middleground. Lake Ontario can be seen during leaf-off conditions as a thin blue band for a very brief moment along the horizon through this gap in the foreground trees. Views of the Lake would occur from this viewpoint seasonally, depending on the vegetation grown in the field.	Rows of panel, viewed parallel to the rows, can be seen in the middleground across the agricultural field. Panels appear as a low-profile element along most of the horizon and follow the gentle slope of the terrain. No apparent grading is seen in this view. As viewed from NY-18, the panels would mostly block existing views of Lake Ontario, with the lake being partially visible between the rows of panels.	1
Vegetation	Contiguous patches of mostly deciduous wooded areas in the middleground; small patches of trees located along the fields and along NY-18. Foreground evergreen trees in the foreground screen part of the view beyond. Agricultural fields change seasonally, as shown, from green vegetation to bare exposed earth.	Solar panels are added to the agricultural field. Low green and gold grasses would be installed within the facility as part of the Project revegetation efforts. The texture of the panels appears finer and smoother than the existing grasses. A patch of mature deciduous trees in the middleground would be removed to install panels, however the mitigation plantings mostly screen views of the panels. A small number of individual deciduous trees in the middleground would also be removed to install the facility substation.	2
Human-Made Modifications	Two-lane roadway of NY-18 Lake Road is the dominant humanmade feature, in addition to overhead utility lines.	Solar panels are almost fully screened behind trees and shrubs as seen from this distance and would likely be overlooked by most casual observers traveling along the highway. Portions of the dark, horizontal panels can be seen between the row of planted trees. The sound wall within the Facility Substation is the most noticeable feature, and mitigation trees would need additional time to fully screen the substation's taller elements like the sound wall.	3
		Contrast Rating with Landscape Mitigation Total	5
		Contrast Rating with Landscape Mitigation Average	1.66

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-2A	**Reviewers Name:** J. Chester
Location: NY-18/Lake Road Loc. 1	**Date:** 8/18/22
Distance from Project: Approx. 0.1 mi.	**Landscape Similarity Zone:** Transportation Corridor
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☒ *Backdropped* ☒ *Skylined* ☒ *Partially* ☒ *Mostly* ☐ *Completely* ☐

Type of User:	Visual Sensitivity:			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers; Tourists and Recreational Users	Moderate	Moderate	Low (Residents) Low (Tourists/ Recreationalists)	Moderate-Low

Description of Existing View:

From the paved two-lane roadway, Lake Road, the rural agrarian landscape is divided into somewhat regularly shaped agricultural fields, many lined with trees, interspersed with larger stands of tall coniferous and deciduous trees. Rural residential areas which include structures such as homes, outbuildings, and barns exist along the roadway as do historic locations such as Babcock House Museum. Through breaks in the trees, the tall smokestack associated with the Somerset power generation facility is visible. Existing overhead electrical distribution lines are located along Lake Road and taller transmission lines are visible in the distance. Lake Ontario is not visible from this area.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Terrain is relatively flat in the foreground and middleground, sloping slightly downward toward Lake Ontario and upward to the south in the background. Lake Ontario is not visible from this location. The view is absent of notable landforms as distant views, and the horizon, are screened by vegetation. Colors in the landscape include green grasses, tan agricultural fields, mixed shades of green in the trees, and red, white and other paint colors applied to homes and outbuildings.	Major grading activities are not anticipated in this area and therefore impacts to the landform is not anticipated. The solar panels will generally follow the flat or gently sloping terrain. Some portions of the panels may be skylined where not backdropped by trees or screened by vegetation along the roadway.	1
Vegetation	Dense vegetation in the form of shorter trees and taller established tree lines and stands exists in this area along with shorter shrubs, grasses, and agricultural crops. Stands of trees exist in the foreground along the roadway, middleground and background. Agricultural fields are present in all distance zones and alternate with larger stands of trees and rural residential properties. Colors in the landscape include green grasses, tan agricultural fields, mixed shades of green in the trees,	Trees located within the area planned for solar panels will be removed, resulting in some solar panels appearing skylined. Trees along the roadway will remain and will screen the view of solar panels in this area from the roadway. The large trees in the foreground have strong vertical lines, are darker green in color and taller than the solar panels and dominate the view.	2
Human-Made Modifications	Modifications to the natural landscape include the paved, two-lane road, existing electrical distribution and transmission lines, homes/outbuildings/barns, a tall smokestack, and agricultural fields. Many of these elements introduce tall, regularly spaced vertical elements into the landscape. Grey metal, wood, and red and white painted elements are visible.	The solar panels will appear grey and dark in color, regularly spaced, and introduce relatively short vertical elements into the landscape. The security fence around the solar facility will also introduce regularly spaced vertical elements in wood and silver tones. A substation facility to the east will contain several taller vertical elements that will be visible when not screened by trees in the foreground. These elements will be seen in	2

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

		the context of the other existing modifications and is not anticipated to introduce great contrast.	
			Contrast Rating Total 5
			Contrast Rating Average 1.66

Proposed Mitigation:

Landscape screening (evergreen trees and deciduous shrubs) is proposed along the southern boundary of the Facility parallel to NY-18/Lake Road. The proposed landscape screening will provide screening in the middleground area to supplement the larger trees along the road in the foreground. In addition to providing screening, the landscape material will complement the natural landscape and reduce contrast from the solar panels and fence posts. After installation, the trees will continue to grow and provide additional screening of the solar facility.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Terrain is relatively flat in the foreground and middleground, sloping slightly downward toward Lake Ontario and upward to the south in the background. Lake Ontario is not visible from this location. The view is absent of notable landforms as distant views, and the horizon, are screened by vegetation. Colors in the landscape include green grasses, tan agricultural fields, mixed shades of green in the trees, and red, white and other paint colors applied to homes and outbuildings.	Major grading activities are not anticipated in this area and therefore impacts to the landform is not anticipated. The solar panels will generally follow the flat or gently sloping terrain.	1
Vegetation	Dense vegetation in the form of shorter trees and taller established tree lines and stands exists in this area along with shorter shrubs, grasses, and agricultural crops. Stands of trees exist in the foreground along the roadway, middleground and background. Agricultural fields are present in all distance zones and alternate with larger stands of trees and rural residential properties. Colors in the landscape include green grasses, tan agricultural fields, mixed shades of green in the trees,	Trees located within the area planned for solar panels and the substation will be removed, resulting in a small portion of the solar panels and agricultural style fence posts appearing skylined. Regularly spaced mitigation evergreen plantings will also appear skylined where a brief line of sight to the panel area occurs. Existing trees along the roadway will remain and will screen the view of solar panels in this area from the roadway. The large trees in the foreground have strong vertical lines, are darker green in color and taller than the solar panels and dominate the view.	2
Human-Made Modifications	Modifications to the natural landscape include the paved, two-lane road, existing electrical distribution and transmission lines, homes/outbuildings/barns, a tall smokestack, and agricultural fields. Many of these elements introduce tall, regularly spaced vertical elements into the landscape. Grey metal, wood, and red and white painted elements are visible.	The solar panels appear fully screened by mitigation shrubs and trees, especially at the viewing distance from the highway. The security fence around the solar facility is also mostly screened. The facility substation to the east will contain several taller vertical elements, including a sound wall that will be visible when not screened by trees in the foreground. These elements will be seen in the context of the other existing modifications and is not anticipated to introduce great contrast.	2
		Contrast Rating Total	5
		Contrast Rating Average	1.66

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-2A	**Reviewers Name:** S. Brooks
Location: NY-18/Lake Road Loc. 1	**Date:** 8/18/2022
Distance from Project: Approx. 0.1 mi.	**Landscape Similarity Zone:** Transportation Corridor
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☐ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	Visual Sensitivity:			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers; Tourists and Recreational Users	Moderate	Moderate	Low (Residents) Low (Tourists/ Recreationalists)	Moderate-Low

Description of Existing View:
The landscape is characterized by fairly flat ground to gently rolling hills in the foreground, middleground, and background. Lake Ontario can be seen in the background along the horizon. Vegetation includes a horizontal strip of grass in the foreground, a horizontal strip of tilled soil beyond the grass, with another strip of grass in the middleground. The middleground and background includes various evergreen and deciduous trees along the horizon. Human-made features include the paved road from this location. Overall, from this location the Facility is likely to create moderate contrast.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	The landscape is characterized by fairly flat ground to gently rolling hills in the foreground, middleground, and background. Lake Ontario can be seen in the background along the horizon.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated. Most trees along the horizon and most views towards the lake would be blocked by solar panels and fencing.	3
Vegetation	Vegetation includes a horizontal strip of grass in the foreground, a horizontal strip of tilled soil beyond the grass, with another strip of grass in the middleground. The middleground and background includes various evergreen and deciduous trees along the horizon.	Rows of dark gray solar panels and fencing are added to the green grass/agricultural field which appear to remain unchanged in the foreground. Darker vegetation in the middleground is still visible from this location which makes the panels appear less obtrusive.	2
Human-Made Modifications	Human-made features include the paved road from this view.	The solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	3
		Contrast Rating Total	8
		Contrast Rating Average	2.7

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to NY-18/Lake Road. From this viewing location, evergreen trees and bushes spaced evenly apart are proposed to assist in screening the Facility from this location. The trees provide a break from the continuous horizontal line. Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	The landscape is characterized by fairly flat ground to gently rolling hills in the foreground, middleground, and background. Lake Ontario can be seen in the background along the horizon.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated. Most trees along the horizon and most views towards the lake would be blocked by solar panels and fencing.	3
Vegetation	Vegetation includes a horizontal strip of grass in the foreground, a horizontal strip of tilled soil beyond the grass, with another strip of grass in the middleground. The middleground and background includes various evergreen and deciduous trees along the horizon.	Proposed landscaping effectively screens views of solar panels. Darker vegetation in the middleground is still visible from this location which makes the panels appear less obtrusive.	2
Human-Made Modifications	Human-made features include the paved road from this view.	The solar panels are screened from view by proposed landscaping. Substation facility, including vertical metal structures and the sound wall are briefly visible.	2
		Contrast Rating Total	7
		Contrast Rating Average	2.33

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-2B	**Reviewers Name:** B. Guthrie
Location: NY-18/Lake Road Loc. 2	**Date:** 8/17/2022
Distance from Project: Approx. 100 feet	**Landscape Similarity Zone:** Transportation Corridor
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☐ *Partially* ☐ *Backdropped* ☒ *Mostly* ☐ *Skylined* ☐ *Completely* ☐

Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers; Tourists and Recreational Users	Moderate	Low	Moderate	Moderate-Low

Description of Existing View:
The landscape is characterized by level terrain and views of a long, open field appearing to have new crop vegetation emerging. Low rolling hills can be seen in the background through the bare vegetation, which surrounds the open field to the south, east and west.

CONTRAST RATING[1]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Landform is relatively flat in the foreground/middleground. Rolling hills are visible in the distance.	Distant hills are no longer visible from this location. No grading for the Facility is apparent in this view.	3
Vegetation	Contiguous patches of wooded areas in the middleground surrounding the cultivated field. Agricultural fields contain low grasses in the foreground and middleground. Colors associated with the vegetation include green and golds.	Solar panels are added to the agricultural field and low growing vegetation is seen beneath the panels. Texture of the panels appears finer and smoother than the existing grasses. Vegetation in the middleground is no longer visible from this location.	3
Human-Made Modifications	The two-lane asphalt roadway of NY-18/Lake Road would be part of this view. Overhead utility lines (not pictured) are also preset along the highway to the south and would be seen by passing travelers.	Solar panels appear as dark gray lines and geometric shapes in the foreground. The gray color of the panels and light gray color of the fencing differs from the earth-tone golden and brown field colors. The low-lying dark browns and grays of the rolling vegetation/tress in the middleground have been replaced by the geometric shapes of the panels. The perimeter fence introduces short, uniform, ordered vertical lines (posts).	4
		Contrast Rating Total	10
		Contrast Rating Average	3.3

Proposed Mitigation:

Landscape screening (evergreen trees and deciduous shrubs) is proposed along the Facility where it is adjacent to NY-18. From this viewing location, the proposed evergreen trees will over time (i.e., 15 or more years) screen the majority of the PV panels from viewers along the road. The low profile of the panels will be partially screened by the proposed evergreen trees after approximately 5 years of growth (after the landscape is installed) and mostly screened after approximately 15 years (after the landscape is installed). Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Landform is relatively flat in the foreground/middleground. Low rolling hills are visible in the distance.	Distant hills are no longer visible from this location. No grading for the Facility is apparent in this view.	3
Vegetation	Contiguous patches of wooded areas in the middleground surrounding the cultivated field. Agricultural fields contain low grasses in the foreground and middleground. Colors associated with the vegetation include green and golds.	Solar panels are added to the agricultural field and low growing vegetation is seen beneath the panels. Texture of the panels appears finer and smoother than the existing grasses. Mitigation plantings are seen in detail in the immediate foreground along the highway and appear highly compatible with the dark green vegetation masses seen in the distance. Flowering shrubs in the foreground add visual interest and color.	2
Human-Made Modifications	The two-lane asphalt roadway of NY-18/Lake Road would be part of this view. Overhead utility lines (not pictured) are also preset along the highway to the south and would be seen by passing travelers.	Solar panels appear as dark gray lines and geometric shapes in the foreground, although they are partially screened by the orderly row of mitigation plantings, which visually soften the contrast introduced by the panels. The low-lying dark browns and grays of the rolling vegetation/tress in the middleground have been replaced by the geometric shapes of the panels. The perimeter fence introduces short, uniform, ordered vertical lines (posts).	3
		Contrast Rating Total	8
		Contrast Rating Average	2.6

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION				
Viewpoint: VP-2B			**Reviewers Name:** J. Chester	
Location: NY-18/Lake Road Loc. 2			**Date:** 8/18/22	
Distance from Project: Approx. 100 feet			**Landscape Similarity Zone:** Transportation Corridor	
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒			**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☒ *Mostly* ☐ *Completely* ☐	
Type of User: Residents; Through Travelers; Tourists and Recreational Users	**Visual Sensitivity:**			
	User Expectation: Moderate	*Duration of View:* Moderate	*Use Volume:* Low (Residents) Low (Tourists/ Recreationalists)	*Overall Sensitivity:* Moderate-Low

Description of Existing View:
Views north of Lake Road are completely obstructed by dense vegetation consisting of mixed coniferous and deciduous trees in a flat landscape. The view south of Lake Road is open to a large agricultural field bounded by stands of trees on either side and in the background. Residential properties exist on either side of the agricultural field and views of the field are screened by trees around the homes. An existing overhead electric distribution line runs along the south side of the roadway and is often backdropped by trees.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Terrain is flat with no visible waterbodies. A strong horizontal line exists where the agricultural field and tree line meet.	Major grading activities are not anticipated in this area and therefore impacts to the landform is not anticipated. The solar panels will appear in the foreground through background and generally follow the flat terrain and will appear darker in color than the bare agricultural field or crops.	4
Vegetation	The immediate foreground is absent dense vegetation and views are unobstructed. Tall stands of trees exist to the sides of the view and in the background, appear solid and dark green in color when leaves are present on deciduous trees and dark green and brown when leaves are off. The tree line creates a strong horizontal line against the sky.	Solar panels in this area are anticipated to occupy the agricultural field and will extend from approximately 100 feet from the road towards the middle and background distance zones. Some smaller areas of trees may need to be removed for solar panel placement and the crops in the agricultural field will be replaced with rows of regularly spaced solar panels. The linear geometric pattern introduced by the rows of solar panels will be somewhat like the rows of crops during growing season although more regular in appearance. The solar panels will be backdropped by tall trees in the distance.	4
Human-Made Modifications	Other than the agricultural field electric distribution line, and roadway, few human-made modifications to the natural landscape are visible in the immediate foreground. The natural treed landscape is interspersed with the rural agricultural setting.	The solar panels will introduce strong, dark, geometric shapes and vertical elements into a somewhat natural setting. The solar panels will, at times, appear dark grey in color, and contrast with brighter green surrounding vegetation. Although the regular row spacing of the solar panels will be like the rows of crops, the panels will be taller and have crisp edges and appear less natural than crop cover.	4
		Contrast Rating Total	12

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

Contrast Rating Average	4

Proposed Mitigation:

Landscape screening (coniferous trees and deciduous shrubs) is proposed between the Facility and Lake Road. The plant material will provide immediate screening in the foreground which will increase in size over several growing seasons, further screening views from the roadway. The addition of landscape screening will provide a more natural element closer to the viewer, provide a visual break along the Facility edge, thereby reducing contrast with the surrounding area.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Terrain is flat with no visible waterbodies. A strong horizontal line exists where the agricultural field and tree line meet.	Major grading activities are not anticipated in this area and therefore impacts to the landform is not anticipated. The solar panels, although partly screened by the mitigation plantings, will appear briefly in the foreground through background and generally follow the flat terrain. Where the panels can be seen between the mitigation plantings, they will appear darker in color than the bare agricultural field or crops.	4
Vegetation	The immediate foreground is absent dense vegetation and views are unobstructed. Tall stands of trees exist to the sides of the view and in the background, appear solid and dark green in color when leaves are present on deciduous trees and dark green and brown when leaves are off. The tree line creates a strong horizontal line against the sky.	Solar panels in this area are anticipated to occupy the agricultural field and will extend from approximately 100 feet from the road towards the middle and background distance zones. Some smaller areas of trees may need to be removed for solar panel placement and the crops in the agricultural field will be replaced with rows of regularly spaced solar panels. The solar panels will be backdropped by tall trees in the distance. Mitigation plantings will include a variety of evergreen trees spaced evenly along the roadway, with deciduous shrubs placed in front, which will combine to partially screen views of the panels from the road. The plantings in the foreground will reduce some of the visual contrast created by the panels.	3
Human-Made Modifications	Other than the agricultural field electric distribution line, and roadway, few human-made modifications to the natural landscape are visible in the immediate foreground. The natural treed landscape is interspersed with the rural agricultural setting.	The solar panels are partly screened by mitigation plantings, but still be visible between the growing trees. Where the panels are seen, they will introduce strong, dark, geometric shapes and vertical elements into a somewhat natural setting. The solar panels will, at times, appear dark grey in color, and contrast with brighter green surrounding vegetation. Although the regular row spacing of the solar panels will be like the rows of crops, the panels will be taller and have crisp edges and appear less natural than crop cover.	3
		Contrast Rating Total	10
		Contrast Rating Average	3.33

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-2B	**Reviewers Name:** S. Brooks
Location: NY-18/Lake Road Loc. 2	**Date:** 8/18/2022
Distance from Project: Approx. 100 feet	**Landscape Similarity Zone:** Developed
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers; Tourists and Recreational Users	Moderate	Moderate	Low (Residents) Low (Tourists/ Recreationalists)	Moderate-Low

Description of Existing View:
The landscape is characterized by fairly flat to gently rolling hills in the foreground and middleground. Vegetation includes a patch of green grass in the foreground with a large patch of tilled brown soil beyond. The middleground includes a dense stand of mixed evergreen and deciduous trees around the perimeter of the agricultural field. Human-made features are not shown from this location. Overall, from this location the Facility is likely to create moderate-strong contrast.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	The landscape is characterized by fairly flat to gently rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated.	3
Vegetation	Vegetation includes a patch of green grass in the foreground with a large patch of tilled brown soil beyond. The middleground includes a dense stand of mixed evergreen and deciduous trees around the perimeter of the agricultural field.	Rows of dark gray solar panels and fencing are added to the agricultural field which appear to remain unchanged in the foreground. Darker (green) vegetation under the panels help subdue the contrast. The middleground vegetation is still visible from this location which makes the panels appear less obtrusive during leaf-on. During leaf-off the vegetation is lighter green creating more contrast with the darker panels.	4
Human-Made Modifications	Human-made features are not shown from this location.	The solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	4
		Contrast Rating Total	11
		Contrast Rating Average	3.6

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to NY-18/Lake Road. From this viewing location, evergreen trees and bushes spaced evenly apart are proposed to assist in screening the Facility from this location. The trees provide a break from the continuous horizontal line. Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	The landscape is characterized by fairly flat to gently rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated.	3
Vegetation	Vegetation includes a patch of green grass in the foreground with a large patch of tilled brown soil beyond. The middleground includes a dense stand of mixed evergreen and deciduous trees around the perimeter of the agricultural field.	Rows of dark gray solar panels and fencing are added to the agricultural field which appear to remain unchanged in the foreground. Proposed landscaping in the foreground partially screens the solar panels and reduces contrast. The middleground vegetation is still visible from this location which makes the panels appear less obtrusive during leaf-on season. During leaf-off the vegetation is lighter green creating more contrast with the darker panels.	3
Human-Made Modifications	Human-made features are not shown from this location.	Although partly screened, the solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	4
		Contrast Rating Total	10
		Contrast Rating Average	3.33

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to NY-18/Lake Road. From this viewing location, evergreen trees and bushes spaced evenly apart are proposed to assist in screening the Facility from this location. The trees provide a break from the continuous horizontal line. Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-3	**Reviewers Name:** B. Guthrie
Location: Hartland Road	**Date:** 8/17/2022
Distance from Project: Approx. 50 feet	**Landscape Similarity Zone:** Transportation Corridor
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	Visual Sensitivity:			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers; Tourists and Recreational Users	Low	Low	Low (Residents) Low (Tourists/ Recreationalists)	Low

Description of Existing View:
Landscape is characterized by a broad flat cultivated field in the foreground along the roadway, with low hill forms covered in bright green grass composing the backdrop. Dark colored mixed woodlands are seen behind the field to the south, and a thin row of bare trees across the base of the hill.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Landform is relatively flat in the foreground/middleground where the field lies. Low, rolling hills are visible in the middleground, surrounding the field.	No proposed grading is shown in this view. Panels partially block views of existing green hill.	2
Vegetation	Contiguous patches of wooded areas in the middleground; small patches of trees scattered throughout the fields and along Arsenal Street. Agricultural fields contain low grasses in the foreground and middleground. Colors associated with the vegetation include browns and golds.	Solar panels are added to the agricultural field, low-growing grasses (revegetation) are seen beneath the panels. Texture of the panels appears finer and smoother than the existing grasses. Vegetation in the middleground is now partly screened from this location.	4
Human-Made Modifications	The two-lane asphalt roadway of Hartland Road would be part of this view. Overhead utility lines (not pictured) are also preset along the highway to the west and would be seen by passing travelers. The powerplant exhaust tower (planned for demolition) can be seen rising above the background hill.	Solar panels appear as orderly, dark gray forms and geometric shapes in the foreground. The gray color of the panels differs from the earth-tone field colors. The low-lying dark browns and grays of the rolling vegetation/tress in the middleground have been replaced by the geometric shapes of the panels. The perimeter fence introduces short, uniform, ordered vertical lines (posts).	5
		Contrast Rating Total	11
		Contrast Rating Average	3.6

Proposed Mitigation:

Landscape screening (evergreen trees and deciduous shrubs) is proposed along the Facility where it is adjacent to Hartland Road. From this viewing location, the proposed evergreen trees will over time (i.e., 5 to 10 years) screen the majority of the PV panels from viewers along the road. The low profile of the panels will be partially screened by the proposed evergreen trees after approximately 5 years of growth (after the landscape is installed) and mostly screened after approximately 10 years (after the landscape is installed). Overall, the proposed mitigation will reduce the visibility and visual contrast of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Landform is relatively flat in the foreground/middleground where the field lies. Low, rolling hills are visible in the middleground, surrounding the field.	No proposed grading is shown in this view. Panels partially block views of existing green grassy hill.	2
Vegetation	Contiguous patches of wooded areas in the middleground; small patches of trees scattered throughout the fields and along Arsenal Street. Agricultural fields contain low grasses in the foreground and middleground. Colors associated with the vegetation include browns and golds.	Solar panels are added to the agricultural field but are nearly fully screened by mitigation landscaping as seen from Hartland Road. The neat, orderly plantings along the roadway appear consistent with surrounding vegetation that can be seen on the opposite edge of the field. Foreground deciduous shrubs add visual interest.	2
Human-Made Modifications	The two-lane asphalt roadway of Hartland Road would be part of this view. Overhead utility lines (not pictured) are also preset along the highway to the west and would be seen by passing travelers. The powerplant exhaust tower (planned for demolition) can be seen rising above the background hill.	Solar panels are nearly fully screened by mitigation plantings. The top portion of dark panels that is visible does not dominate the view.	2
		Contrast Rating Total	6
		Contrast Rating Average	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION				
Viewpoint: VP-3			**Reviewers Name:** J. Chester	
Location: Hartland Road			**Date:** 8/18/22	
Distance from Project: Approx. 50 feet			**Landscape Similarity Zone:** Transportation Corridor	
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒			**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☒	
Type of User:	**Visual Sensitivity:**			
Residents; Through Travelers	*User Expectation:* Low	*Duration of View:* Low	*Use Volume:* Low (Residents) Low (Through Travelers)	*Overall Sensitivity:* Low

Description of Existing View:

The terrain in the immediate foreground is flat, sloping upward in the middleground where a large berm associated with the Somerset power generation facility rises approximately 100' from the elevation of Hartland Road. The upper portion of the smokestack is visible above/beyond the berm, a dense stand of trees is located to the side of the berm, and an agricultural field exists closest to the viewer.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	No visible waterbodies. An approximately 100-foot-tall berm is present in the middleground and blocks views of the background (including Lake Ontario). In the foreground and around the berm, the terrain is flat. The agricultural field introduces strong horizontal lines where it meets a stand of trees and the grassy ditch adjacent to Hartland Road. The berm appears grass-covered and bright green in color, the agricultural field appears tan when not planted and green when crops cover the area.	Major grading activities are not anticipated in this area and therefore impacts to the landform is not anticipated. The solar panels will generally follow the flat or gently sloping terrain and will be backdropped by the berm and trees beyond. The dark grey color of the solar panels will contrast with the bright green of the berm and trees behind.	3
Vegetation	Low grasses are located immediately adjacent to Hartland Road, with an agricultural field in the foreground, and dense trees and a grassy berm in the middle to background. The berm appears grass-covered and bright green in color, the trees appear dark green and brown when leaf off and brighter green when leaves are present, and the agricultural field appears tan when not planted and green when crops cover the area.	Solar panels will replace the agricultural field with limited vegetation removal anticipated in the distance where the access drive will enter on the west side of the field. The dark grey color of the solar panels will contrast with the bright green color of the roadside grasses and berm backdrop but will contrast lest with the darker green and brown appearance of the trees in the distance. The vertical elements of the fence posts and solar panels will be seen in context of the smokestack and vertical trees and contrast will be less when leaves are off and the linear tree trunks and limbs are visible.	3
Human-Made Modifications	Rural residential properties are located on the east side of Hartland Road. Hartland Road is a narrow, two-lane paved road with an overhead electrical distribution line located on the west side. A portion of the smokestack and berm associated with the power plant are visible to the west. Agricultural fields are located on both sides of Hartland Road and are interspersed with rural residential properties and stands of trees. Existing	The solar panels will appear as geometric shapes on vertical posts backdropped by a berm and tall trees. The wood fence posts of the security fence surrounding the solar panels will appear similar in color and vertical form of the adjacent electric distribution line and smokestack in the distance. As the Facility is not anticipated to be skylined and will be viewed in the context of some modifications to the natural environment, including	3

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

	vertical towers are visible to the east of Hartland Road.	other electrical infrastructure, contrast is not anticipated to be significant.	
		Contrast Rating Total	9
		Contrast Rating Average	3

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to NY-18/Lake Road, Haight Road, and Hartland Road. Landscaping proposed will be a mix of regularly spaced coniferous (evergreen) trees and denser plantings of shrubs. The proposed trees will initially provide a visual break from the strong horizontal lines of the solar panels and screen some of the solar panels. As they mature, the trees will screen more of the panels from adjacent viewers. The dense shrub plantings will immediately screen the lower portion of the solar panels, including the vertical posts. The proposed mitigation will provide screening and visual breaks from the geometric form of the solar panels.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	No visible waterbodies. An approximately 100-foot-tall berm is present in the middleground and blocks views of the background (including Lake Ontario). In the foreground and around the berm, the terrain is flat. The agricultural field introduces strong horizontal lines where it meets a stand of trees and the grassy ditch adjacent to Hartland Road. The berm appears grass-covered and bright green in color, the agricultural field appears tan when not planted and green when crops cover the area.	Major grading activities are not anticipated in this area and therefore impacts to the landform is not anticipated. The solar panels will generally follow the flat or gently sloping terrain and will be backdropped by the berm and trees beyond. The dark grey color of the solar panels will contrast with the bright green of the berm and trees behind.	2
Vegetation	Low grasses are located immediately adjacent to Hartland Road, with an agricultural field in the foreground, and dense trees and a grassy berm in the middle to background. The berm appears grass-covered and bright green in color, the trees appear dark green and brown when leaf off and brighter green when leaves are present, and the agricultural field appears tan when not planted and green when crops cover the area.	Solar panels will replace the agricultural field with limited vegetation removal anticipated in the distance where the access drive will enter on the west side of the field. Mitigation plantings in the immediate foreground will screen most views of the panels and will reduce the visual contrast the panels create.	2
Human-Made Modifications	Rural residential properties are located on the east side of Hartland Road. Hartland Road is a narrow, two-lane paved road with an overhead electrical distribution line located on the west side. A portion of the smokestack and berm associated with the power plant are visible to the west. Agricultural fields are located on both sides of Hartland Road and are interspersed with rural residential properties and stands of trees. Existing vertical towers are visible to the east of Hartland Road.	With mitigation planting, the solar panels will be almost fully screened from view from the road. Where the top portions of panels are visible, they appear as geometric shapes backdropped by a berm and tall trees. The wood fence posts of the security fence surrounding the solar panels will appear similar in color and vertical form of the adjacent electric distribution line and smokestack in the distance. As the Facility is not anticipated to be skylined and will be viewed in the context of some modifications to the natural environment, including other electrical infrastructure, contrast is not anticipated to be significant.	2
		Contrast Rating Total	6
		Contrast Rating Average	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION				
Viewpoint: VP-3			**Reviewers Name:** S. Brooks	
Location: Hartland Road			**Date:** 8/18/2022	
Distance from Project: Approx. 50 feet			**Landscape Similarity Zone:** Transportation Corridor	
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒			**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☐ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐	
Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers	Low	Low	Low (Residents) Low (Through Travelers)	Low

Description of Existing View:
The landscape is characterized by fairly flat to rolling hills in the foreground and middleground. Vegetation includes a strip of green grass in the foreground adjacent to the road with a large patch of tilled brown soil beyond. A mixed group of deciduous and evergreen trees exist along the perimeter of the agricultural field and a hill with green grass extends into the middleground. Human-made features include a smokestack prominent on the hill and the paved road. Overall, from this location the Facility is likely to create moderate-strong contrast.

CONTRAST RATING			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	The landscape is characterized by fairly flat to rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated. The landform beyond the panels remains intact.	3
Vegetation	Vegetation includes a strip of green grass in the foreground adjacent to the road with a large patch of tilled brown soil beyond. A mixed group of deciduous and evergreen trees exist along the perimeter of the agricultural field and a hill with green grass extends into the middleground.	Rows of dark gray solar panels and fencing are added to the agricultural field which appear to remain unchanged in the foreground. Darker (green) vegetation under the panels help subdue the contrast. The middleground vegetation and green hill is still visible from this location which makes the panels appear less obtrusive during leaf-on.	4
Human-Made Modifications	Human-made features include a smokestack prominent on the hill and the paved road.	The solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	4
		Contrast Rating Total	11
		Contrast Rating Average	3.6

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to Hartland Road. From this viewing location, evergreen trees and bushes spaced evenly apart are proposed to assist in screening the Facility from this location. The trees provide a break from the continuous horizontal line. Overall, the proposed mitigation will reduce the visibility of the Facility over time.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[1]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	The landscape is characterized by fairly flat to rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated. The landform beyond the panels remains intact.	3
Vegetation	Vegetation includes a strip of green grass in the foreground adjacent to the road with a large patch of tilled brown soil beyond. A mixed group of deciduous and evergreen trees exist along the perimeter of the agricultural field and a hill with green grass extends into the middleground.	Proposed landscaping in the foreground mostly screens the solar panels and reduces contrast. Where visible, rows of dark gray solar panels and fencing are added to the agricultural field. The middleground vegetation and green hill is still visible from this location which makes the panels appear less obtrusive during leaf-on. During leaf off, more visibility of the solar panels and fencing occurs.	2
Human-Made Modifications	Human-made features include a smokestack prominent on the hill and the paved road.	Although partly screened, the solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	3
		Contrast Rating Total	8
		Contrast Rating Average	2.6

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-5	**Reviewers Name:** B. Guthrie
Location: Haight Road Residential	**Date:** 8/17/2022
Distance from Project: Approx. 70 feet	**Landscape Similarity Zone:** Agriculture
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers	Moderate	High	Low	Moderate

Description of Existing View:

Landscape character is dominated by long, flat agricultural field, recently cut crop. Mature woods frame views to east and west, and limit views to the north. The Somerset Powerplant tower and building are visible in the middleground, skylined behind the woods to the north. Other humanmade features present from this viewpoint include overhead distribution line along Haight Road, otherwise the scenery is dominated by actively cultivated fields bounded by patches of mainly deciduous woodlands. No view of Lake Ontario is present, screened by vegetation.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	Landform is flat in the foreground/middleground. No views of Lake Ontario are present.	No proposed grading is shown. Because the viewer is looking along the length of the panel rows, views into the distance are partly maintained.	0
Vegetation	Harvested/cut forage crop fills the agricultural field, which stretches into the middleground view. View is framed to the east and west by deciduous woodlands, photographed during leaf off conditions.	Solar panels are added to the agricultural field low-grasses which appear to remain unchanged in the foreground. Texture of the panels appears finer and smoother than the existing grasses. Vegetation in the middleground is now partly blocked.	3
Human-Made Modifications	The roadway of Haight Road would be visible from this location. The Somerset Powerplant (not a Project part; planned for demolition) can be seen behind existing vegetation in the background.	Solar panels appear as dark gray lines and geometric shapes in the foreground. The gray color of the panels and dark mesh of the fencing differs from the earth-tone golden and brown field colors. The low-lying dark browns and grays of the rolling vegetation/tress in the middleground have been replaced by the geometric shapes of the panels. The perimeter fence introduces short, uniform, ordered vertical lines (posts).	5
		Contrast Rating Total	8
		Contrast Rating Average	2.6

Proposed Mitigation:

Landscape screening (evergreen trees and deciduous shrubs) is proposed along the Facility where it is adjacent to Haight Road. From this viewing location, the proposed evergreen trees will over time (i.e., 5 to 10 or more years) screen most of the PV panels from viewers along the road and from residences south of Haight Road. The low profile of the panels will be partially screened by the proposed evergreen trees after approximately 5 years of growth (after the landscape is installed) and mostly to fully screened after approximately 10 years (after the landscape is installed). Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	Landform is flat in the foreground/middleground. No views of Lake Ontario are present.	No proposed grading is shown. With the landscape screening installed in the foreground, the view into the background landscape is also screened, which had contributed visual depth.	1
Vegetation	Harvested/cut forage crop fills the agricultural field, which stretches into the middleground view. View is framed to the east and west by deciduous woodlands, photographed during leaf off conditions.	Solar panels are added to the agricultural field but are fully screened from this view by mitigation plantings. The dark trees and orderly row of plantings appear consistent with the surrounding vegetation, and the deciduous shrubs in the foreground add color and visual interest. Vegetation in the middleground is partly blocked by the mitigation plantings.	3
Human-Made Modifications	The roadway of Haight Road would be visible from this location. The Somerset Powerplant (not a Project part; planned for demolition) can be seen behind existing vegetation in the background.	Solar panels appear fully screened by the mitigation plantings during both leaf off and leaf on conditions. The perimeter fence introduces short, uniform, ordered vertical lines (posts).	2
		Contrast Rating Total	6
		Contrast Rating Average	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION				
Viewpoint: VP-5			**Reviewers Name:** J. Chester	
Location: Haight Road Residential			**Date:** 8/19/22	
Distance from Project: Approx. 70 feet			**Landscape Similarity Zone:** Agriculture	
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒			**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☒ *Partially* ☒ *Mostly* ☐ *Completely* ☐	
Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers	Moderate	High	Low	Moderate

Description of Existing View:

The view north of Haight Road is of an open, somewhat geometrically shaped agricultural field in the foreground and middleground. The field is surrounded to the east, north, and west by large, dense stands of mixed tree types. In the distance, the smokestack associated with Somerset power station is mostly visible above the trees. The view in this direction is primarily of a rural agrarian landscape composed of rectangular fields interspersed with stands of trees. The tall linear form of the light-colored smokestack is noticeable among the more natural forms of trees and crops. To the south of Haight Road is a residential property with densely planted trees along all sides with an open view from the driveway and front portion of the property to the north towards the agricultural field. An existing overhead electric distribution line runs along the north side of Haight Road, and to the residence on the south, and is comprised of single wood poles, regularly spaced, and medium brown in color.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	The area is flat with no noticeable hills or valleys. Lake Ontario is not visible from this location and no other waterbodies can be seen.	Significant grading is not anticipated in this area to accommodate the placement of the solar panels. The solar panels will occupy the agricultural field area and no impacts to landforms are anticipated. The low, vertical, regular geometric shape of the solar panels and security fencing will follow the contours of the land but may be skylined where tall vegetation is in the background at a greater distance away.	3
Vegetation	Vegetation in the area consists of agricultural fields that appear tan/brown to bright green during the growing season, bordered by stands of tall, deciduous and coniferous trees which appear dark brown and linear when leaves are of and more of a solid green horizontal form when leaves are present.	Some vegetation along the edges of the agricultural field may be removed and replaced with the Facility but the solar panels will generally replace the crops planted in the field and will be located in the foreground and middleground. The solar panels and fencing will be taller than the crops and will have some of the regular linear forms of the planted crop rows. The solar panels will appear dark grey and may contrast somewhat with the surrounding green vegetation during the growing season and contrast less with the tans and dark browns outside of the growing season. The vertical solar panel supports and fence posts will be partially visible and viewed in the context of other vertical elements such as tree trunks and limbs, power line poles, and the smokestack in the distance. Views of the facility would be	4

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

		screened for travelers by stands of trees on either side until more directly adjacent to the Facility driving on the road. A home across the street may have direct unobstructed views from some locations on the property.	
Human-Made Modifications	Haight Road is a paved two-lane road that generally runs east to west along the southern boundary of the Facility. Rural residential and agricultural properties are located on the north and south side of the roadway. An existing overhead electric transmission line runs along the north side of Haight Road and a smokestack is visible to the north in the background.	The Facility would introduce additional human-made modifications into a characteristically rural agrarian landscape. The solar panels and fencing would replicate some of the existing vertical forms (distribution line, trees, smokestack) but may also introduce contrast due to the varying color, strong lines and geometric edges and massing of the Facility.	4
		Contrast Rating Total	8
		Contrast Rating Average	3.67

Proposed Mitigation:

Landscape screening (evergreen trees and deciduous shrubs) is proposed along the southern boundary between the Facility and Haight Road. The plant material will provide a visual break from the strong linear forms by screening with natural shapes and textures. The trees will continue to grow over time and will further screen the facility from travelers on the road and a residence located across Haight Road. The shrubs will screen the lower portion of the Facility and provide visual interest which reduces contract with the surrounding landscape.

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	The area is flat with no noticeable hills or valleys. Lake Ontario is not visible from this location and no other waterbodies can be seen.	Significant grading is not anticipated in this area to accommodate the placement of the solar panels. The solar panels will occupy the agricultural field area and no impacts to landforms are anticipated. Mitigation plantings fully screen the solar panels from view, but also eliminate the view into the distance.	2
Vegetation	Vegetation in the area consists of agricultural fields that appear tan/brown to bright green during the growing season, bordered by stands of tall, deciduous and coniferous trees which appear dark brown and linear when leaves are of and more of a solid green horizontal form when leaves are present.	Some vegetation along the edges of the agricultural field may be removed and replaced with the Facility but the solar panels will generally replace the crops planted in the field and will be located in the foreground and middleground. Mitigation plantings, including evergreen trees evenly spaced with deciduous shrubs placed in front, will be seen in the foreground and fully screen the solar panels from view. Where the agricultural fencing will be taller than the mitigation plantings, the wood posts and top of the fence panels will appear skylined. Views of the facility would be screened for travelers by stands of trees on either side until more directly adjacent to the Facility driving on the road. A home across the street may have direct unobstructed views from some locations on the property.	2

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

Human-Made Modifications	Haight Road is a paved two-lane road that generally runs east to west along the southern boundary of the Facility. Rural residential and agricultural properties are located on the north and south side of the roadway. An existing overhead electric transmission line runs along the north side of Haight Road and a smokestack is visible to the north in the background.	Mitigation plantings will be seen in the foreground and fully screen the solar panels from view, greatly reducing visual contrast. The agricultural style fence will be partially visible and skylined until mitigation plantings grow large enough to completely obscure it. Until then, it would not present a lot of visual contrast.	2
		Contrast Rating Total	6
		Contrast Rating Average	2

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

PROJECT INFORMATION	
Viewpoint: VP-5	**Reviewers Name:** S. Brooks
Location: Haight Road Residential	**Date:** 8/18/2022
Distance from Project: Approx. 70 feet	**Landscape Similarity Zone:** Agriculture
Angle of Observation: *Inferior* ☐ *Superior* ☐ *Level* ☒	**Visibility:** Check all that apply *Screened* ☐ *Backdropped* ☒ *Skylined* ☐ *Partially* ☐ *Mostly* ☐ *Completely* ☐

Type of User:	**Visual Sensitivity:**			
	User Expectation:	*Duration of View:*	*Use Volume:*	*Overall Sensitivity:*
Residents; Through Travelers	Moderate	High	Low	Moderate

Description of Existing View:
The landscape is characterized by fairly flat to rolling hills in the foreground and middleground. Vegetation includes a large rectangular patch of golden agricultural fields in the foreground with a mixed group of deciduous and evergreen trees along the perimeter of the agricultural field. Human-made features include a smokestack prominent in the view. Overall, from this location the Facility is likely to create moderate contrast.

CONTRAST RATING[1]

Features	Characteristic Landscape Description	Proposed Activity Description	Contrast Rating
Landform/Water	The landscape is characterized by fairly flat to rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated. The landform beyond the panels remains intact.	2
Vegetation	Vegetation includes a large rectangular patch of golden agricultural fields in the foreground with a mixed group of deciduous and evergreen trees along the perimeter of the agricultural field.	Rows of dark gray solar panels and fencing are added to the agricultural field which appear to remain unchanged in the foreground. Darker (green) vegetation under the panels help subdue the contrast. The middleground vegetation and green hill is still visible from this location which makes the panels appear less obtrusive during leaf-on.	3
Human-Made Modifications	Human-made features include a smokestack prominent in the view.	The solar panels will appear as linear, geometric blocks. This color contrast does not appear as significant because of the darker line of vegetation that runs along the horizon.	4
		Contrast Rating Total	9
		Contrast Rating Average	3

Proposed Mitigation:

Landscaping is proposed along the Facility boundary where it is adjacent to Haight Road. From this viewing location, evergreen trees and bushes spaced evenly apart are proposed to assist in screening the Facility from this location. The trees provide a break from the continuous horizontal line. Overall, the proposed mitigation will reduce the visibility of the Facility over time.

[1] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed without landscape mitigation included.

VISUAL CONTRAST RATING WORKSHEET

Somerset Solar Project

CONTRAST RATING – *WITH LANDSCAPE MITIGATION*[2]			
Features	**Characteristic Landscape Description**	**Proposed Activity Description**	**Contrast Rating**
Landform/Water	The landscape is characterized by fairly flat to rolling hills in the foreground and middleground.	Rows of solar panels and fencing would be present in this location; however, no grading is anticipated. The landform beyond the panels remains intact.	2
Vegetation	Vegetation includes a large rectangular patch of golden agricultural fields in the foreground with a mixed group of deciduous and evergreen trees along the perimeter of the agricultural field.	Proposed landscaping in the foreground fully screens the solar panels and reduces contrast. Wood and metal mesh fencing is visible above the proposed landscaping and is partly skylined. The middleground vegetation and green hill is still visible from this location which makes the panels appear less obtrusive during leaf-on.	2
Human-Made Modifications	Human-made features include a smokestack prominent in the view.	Proposed landscaping in the foreground fully screens the solar panels and reduces contrast. Wood and metal mesh fencing is visible above the proposed landscaping and is partly skylined, but is highly compatible with the landscape setting.	3
		Contrast Rating Total	7
		Contrast Rating Average	2.3

[2] The ratings in this table were conducted for the simulations shown in Attachment 7 of the VIA. Specifically, the ratings reflect the simulations illustrating the Facility installed with proposed landscape mitigation at 5 years of growth.

Attachment 7: Photographic Simulations

VISUAL SIMULATION

VIEWPOINT 1

BABCOCK HOUSE MUSEUM

SOMERSET SOLAR PROJECT

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 1

Babcock House Museum

Leaf On

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 10:39 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.349703°
Longitude: -78.615066°
Elevation: 302 ft.
Photo Location: The photo was taken from Babcock House property looking west toward project area.

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 1

Babcock House Museum

Leaf On

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 10:39 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.349703°
Longitude: -78.615066°
Elevation: 302 ft.
Photo Location: The photo was taken from Babcock House property looking west toward project area.

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 1

Babcock House Museum

Leaf On

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 10:39 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.349703°
Longitude: -78.615066°
Elevation: 302 ft.
Photo Location: The photo was taken from Babcock House property looking west toward project area.

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 1

Babcock House Museum

Leaf Off

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 12:10 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.349703°
Longitude: -78.615066°
Elevation: 302 ft.
Photo Location:
The photo was taken from Babcock House property looking west toward project area.

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 1

Babcock House Museum

Leaf Off

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 12:10 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.349703°
Longitude: -78.615066°
Elevation: 302 ft.
Photo Location:
The photo was taken from Babcock House Museum looking west toward project area.

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 1

Babcock House Museum

Leaf Off

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 12:10 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.349703°
Longitude: -78.615066°
Elevation: 302 ft.
Photo Location:
The photo was taken from Babcock House Museum looking west toward project area.

VISUAL SIMULATION

VIEWPOINT 2A

NY 18/LAKE RD LOCATION 1

SOMERSET SOLAR PROJECT

EXISTING CONDITIONS

SIMULATED CONDITIONS

This simulation depicts the 43 feet in length and 28 feet in height sound wall required within the Facility Substation.

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2A

NY 18/Lake Rd
Location 1

Leaf On

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 11:22 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: North
View orientation: Level
Latitude: 43.349001°
Longitude: -78.613392°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 2,335 ft. west of Hosmer Rd., looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

This simulation depicts the 43 feet in length and 28 feet in height sound wall required within the Facility Substation.

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2A

NY 18/Lake Rd
Location 1

Leaf On

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 11:22 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: North
View orientation: Level
Latitude: 43.349001°
Longitude: -78.613392°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 2,335 ft. west of Hosmer Rd., looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

This simulation depicts the 43 feet in length and 28 feet in height sound wall required within the Facility Substation.

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2A

NY 18/Lake Rd
Location 1

Leaf On

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 11:22 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: North
View orientation: Level
Latitude: 43.349001°
Longitude: -78.613392°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 2,335 ft. west of Hosmer Rd., looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

This simulation depicts the 43 feet in length and 28 feet in height sound wall required within the Facility Substation.

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2A

NY 18/Lake Rd
Location 1

Leaf Off

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 1:02 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: North
View orientation: Level
Latitude: 43.349001°
Longitude: -78.613392°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 2,335 ft. west of Hosmer Rd., looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

This simulation depicts the 43 feet in length and 28 feet in height sound wall required within the Facility Substation.

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2A

NY 18/Lake Rd
Location 1

Leaf Off

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 1:02 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: North
View orientation: Level
Latitude: 43.349001°
Longitude: -78.613392°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 2,335 ft. west of Hosmer Rd., looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

This simulation depicts the 43 feet in length and 28 feet in height sound wall required within the Facility Substation.

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2A

NY 18/Lake Rd
Location 1

Leaf Off

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 1:02 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: North
View orientation: Level
Latitude: 43.349001°
Longitude: -78.613392°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 2,335 ft. west of Hosmer Rd., looking North toward project area

VISUAL SIMULATION

VIEWPOINT 2B

NY 18/LAKE RD LOCATION 2

SOMERSET SOLAR PROJECT

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2B

NY 18/Lake Rd
Location 2

Leaf On

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 11:38 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: South
View orientation: Level
Latitude: 43.348598°
Longitude: -78.587563°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 3,306 ft. west of Hartland Rd., looking South toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2B

NY 18/Lake Rd
Location 2

Leaf On

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 11:38 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: South
View orientation: Level
Latitude: 43.348598°
Longitude: -78.587563°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 3,306 ft. west of Hartland Rd., looking South toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2B

NY 18/Lake Rd
Location 2

Leaf On

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 11:38 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: South
View orientation: Level
Latitude: 43.348598°
Longitude: -78.587563°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 3,306 ft. west of Hartland Rd., looking South toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2B

NY 18/Lake Rd
Location 2

Leaf Off

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 2:20 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: South
View orientation: Level
Latitude: 43.348598°
Longitude: -78.587563°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 3,306 ft. west of Hartland Rd., looking South toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2B

NY 18/Lake Rd
Location 2

Leaf Off

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 2:20 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: South
View orientation: Level
Latitude: 43.348598°
Longitude: -78.587563°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 3,306 ft. west of Hartland Rd., looking South toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 2B

NY 18/Lake Rd
Location 2

Leaf Off

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 2:20 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: South
View orientation: Level
Latitude: 43.348598°
Longitude: -78.587563°
Elevation: 300 ft.
Photo Location: The photo was taken from NY-18 (Lake Road) approx. 3,306 ft. west of Hartland Rd., looking South toward project area

VISUAL SIMULATION

VIEWPOINT 3

HARTLAND ROAD

SOMERSET SOLAR PROJECT

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 3

Hartland Road

Leaf On

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 12:17 p.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.359533°
Longitude: -78.575375°
Elevation: 299 ft.
Photo Location:
The photo was taken from Hartland Road looking West toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 3

Hartland Road

Leaf On

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 12:17 p.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.359533°
Longitude: -78.575375°
Elevation: 299 ft.
Photo Location:
The photo was taken from Hartland Road looking West toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 3

Hartland Road

Leaf On

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 12:17 p.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.359533°
Longitude: -78.575375°
Elevation: 299 ft.
Photo Location:
The photo was taken from Hartland Road looking West toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 3

Hartland Road

Leaf Off

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 2:30 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.359533°
Longitude: -78.575375°
Elevation: 299 ft.
Photo Location:
The photo was taken from Hartland Road looking West toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 3

Hartland Road

Leaf Off

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 2:30 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.359533°
Longitude: -78.575375°
Elevation: 299 ft.
Photo Location:
The photo was taken from Hartland Road looking West toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 3

Hartland Road

Leaf Off

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 2:30 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: West
View orientation: Level
Latitude: 43.359533°
Longitude: -78.575375°
Elevation: 299 ft.
Photo Location:
The photo was taken from Hartland Road looking West toward project area

VISUAL SIMULATION

VIEWPOINT 5

HAIGHT ROAD RESIDENCE

SOMERSET SOLAR PROJECT

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 5

Haight Road Residence

Leaf On

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 11:46 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: North
Latitude: 43.338043°
Longitude: -78.594964°
Elevation: 307 ft.
Photo Location:
The photo was taken from Haight Road looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 5

Haight Road Residence

Leaf On

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 11:46 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: North
Latitude: 43.338043°
Longitude: -78.594964°
Elevation: 307 ft.
Photo Location:
The photo was taken from Haight Road looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 5

Haight Road Residence

Leaf On

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 11:46 a.m.
Date of photograph: 06/22/2022
Weather condition: Sunny
Viewing direction: North
Latitude: 43.338043°
Longitude: -78.594964°
Elevation: 307 ft.
Photo Location:
The photo was taken from Haight Road looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 5

Haight Road Residence

Leaf Off

No Proposed Screening

VICINITY MAP

Photograph Information

Time of photograph: 4:22 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: North
Latitude: 43.338043°
Longitude: -78.594964°
Elevation: 307 ft.
Photo Location:
The photo was taken from Haight Road looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 0)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 5

Haight Road Residence

Leaf Off

With Proposed Screening

Year 0

VICINITY MAP

Photograph Information

Time of photograph: 4:22 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: North
Latitude: 43.338043°
Longitude: -78.594964°
Elevation: 307 ft.
Photo Location:
The photo was taken from Haight Road looking North toward project area

EXISTING CONDITIONS

SIMULATED CONDITIONS

WITH PROPOSED SCREENING (YEAR 5)

SOMERSET SOLAR PROJECT

VISUAL SIMULATION

Viewpoint 5

Haight Road Residence

Leaf Off

With Proposed Screening

Year 5

VICINITY MAP

Photograph Information

Time of photograph: 4:22 p.m.
Date of photograph: 04/29/2022
Weather condition: Sunny
Viewing direction: North
Latitude: 43.338043°
Longitude: -78.594964°
Elevation: 307 ft.
Photo Location:
The photo was taken from Haight Road looking North toward project area